



US009637058B1

(12) **United States Patent**
Garcia Zarco et al.

(10) **Patent No.:** **US 9,637,058 B1**
(45) **Date of Patent:** **May 2, 2017**

- (54) **MULTITASK TABLE FOR UPPER TRUNK BODY**
- (71) Applicant: **FORD GLOBAL TECHNOLOGIES, LLC**, Dearborn, MI (US)
- (72) Inventors: **Pedro Garcia Zarco**, Mexico City (MX); **Omar Yuren Mendoza Bravo**, Cuautitlan Izcalli (MX)
- (73) Assignee: **Ford Global Technologies, LLC**, Dearborn, MI (US)
- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.
- (21) Appl. No.: **15/018,332**
- (22) Filed: **Feb. 8, 2016**
- (51) **Int. Cl.**
B62D 25/10 (2006.01)
B60R 5/04 (2006.01)
- (52) **U.S. Cl.**
CPC **B60R 5/042** (2013.01)
- (58) **Field of Classification Search**
CPC .. B60R 5/045; B60R 5/04; B60R 9/00; B62D 65/00; B60P 7/0807; B60P 3/14; G07C 5/00; G06F 17/00; G06F 3/0484
USPC 296/76, 146.8, 24.43, 37.16, 37.6; 108/44
IPC B60P 7/0807
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,483,478 A * 10/1949 Smelker E04H 15/06 135/143
2,554,776 A * 5/1951 Comeau B60R 5/041 224/42.34

2,577,263 A * 12/1951 Myers B62D 25/12 224/311
3,318,471 A * 5/1967 Barr B60R 7/10 224/549
3,473,680 A * 10/1969 Downer B60R 11/06 224/311
3,534,892 A * 10/1970 Truelove, Sr. B60R 7/02 224/311
4,357,046 A 11/1982 Lalanne
4,455,948 A * 6/1984 Torres A47B 31/06 108/138

(Continued)

FOREIGN PATENT DOCUMENTS

CN 203391655 U 1/2014
DE 19714497 A1 10/1998
(Continued)

OTHER PUBLICATIONS

English machine translation of CN203391655U.

(Continued)

Primary Examiner — Kiran B Patel

(74) *Attorney, Agent, or Firm* — Vichit Chea; King & Schickli, PLLC

(57) **ABSTRACT**

An integrated work surface assembly for a motor vehicle cargo area includes a substantially planar workpiece configured for translation along a pair of cargo area closure panel support arms between a fully stowed configuration and a fully deployed configuration. A recess in the cargo area closure panel receives and holds the workpiece in the fully stowed configuration. Each support arm includes a guide slot for slidably translating the substantially planar workpiece between the fully stowed configuration and the fully deployed configuration. Stops are provided for arresting downward translation of the workpiece in the fully deployed configuration.

20 Claims, 5 Drawing Sheets

